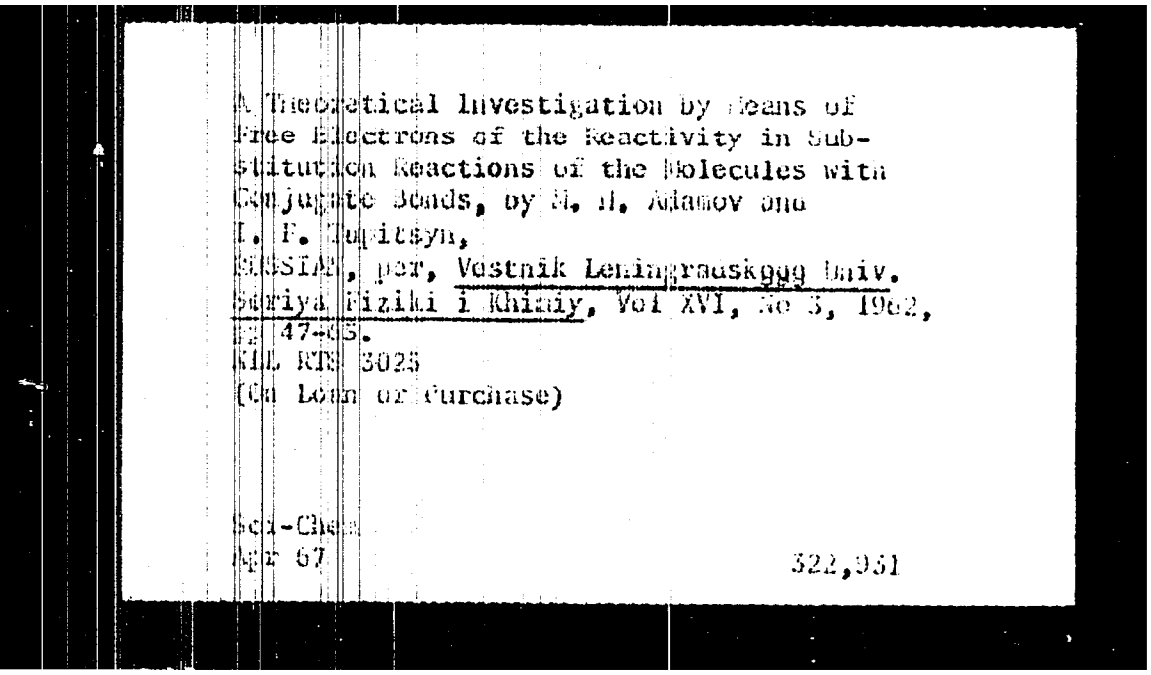
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220068-7



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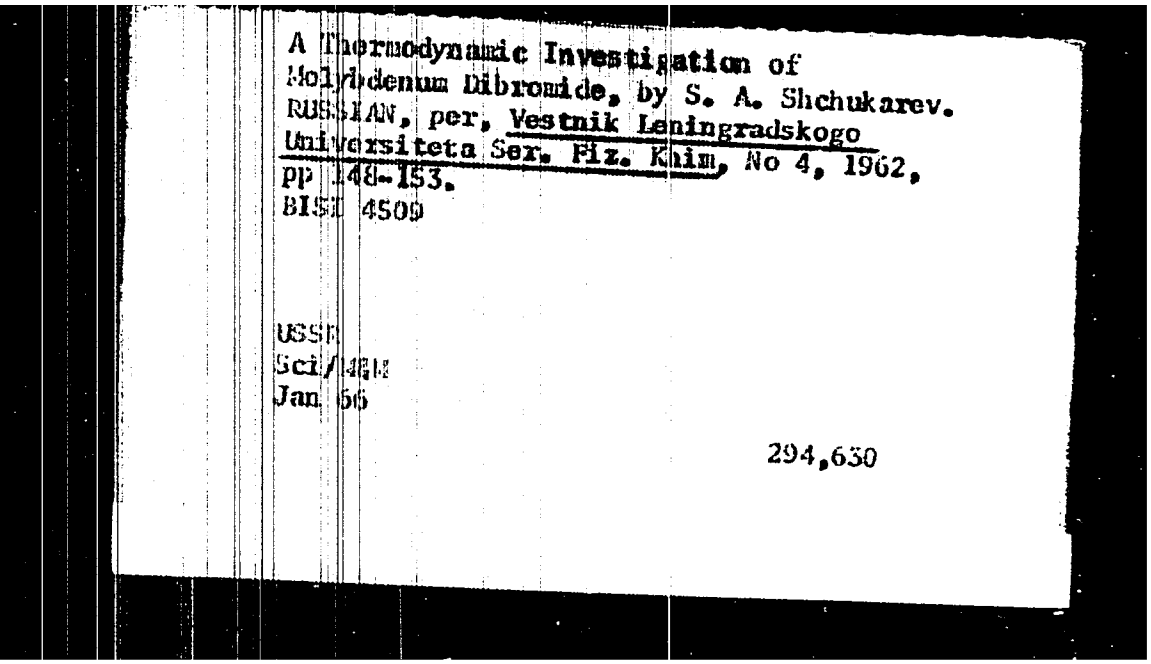

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BISI 4509

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Determination of Approximate Transition Probabilities and Absorption Coefficients for the Levels of the Configurations $1s^2 2s^2 nl$ and $1s^2 2s2p(^{1,3}p)nl$ in N III, by A. A. Nikitin, 23 pp,
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Shchukarev, S. A., Andreev, S. N., and Balicheva, T. G.
INFRARED SPECTRA OF PERCHLORIC ACID AND ITS SOLUTIONS IN THE REGION 3700-2300 CM.-1. [1962] 12p. 25 refs.
Order from OTS or SLA $1.60 62-20164

Trans. of Leningrad U. Vestnik (USSR) 1962 [v. 17] no. 4 [Seriya Fizika i Khimii no. 1] p. 128-134.

DESCRIPTORS: *Perchloric acid, Gases, Water, Solutions, Organic solvents, *Spectra (Infrared), Absorption spectra.

A study is made of vibrational frequencies of aqueous $HClO_4$ in a broad range of its concentrations, and of the vibrational spectra of this acid in gas phase and in organic, non polar solutions.

(Chemistry-Physical, TT, v. 9, no. 11)

62-20164

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Office of Technical Services

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Herald of Leningrad University. Physics and Chemistry Series, 279 pp. POST EDITED

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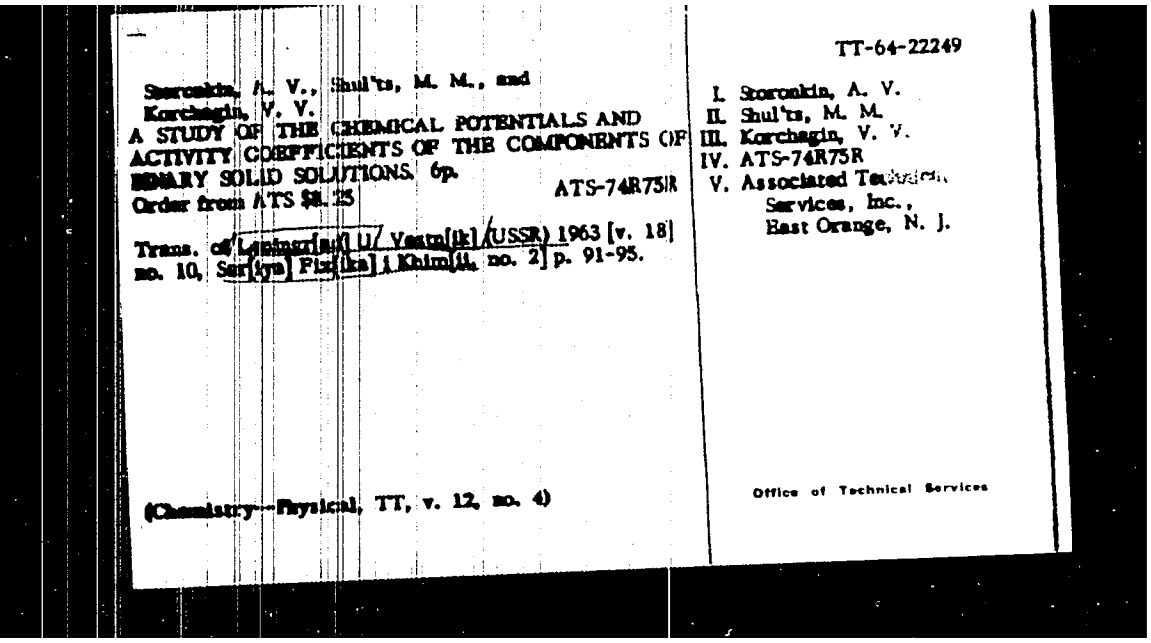

Storonkin, A. V., Shul'ts, M. M., and Korchagin, V. V.
A STUDY OF THE CHEMICAL POTENTIALS AND ACTIVITY COEFFICIENTS OF THE COMPONENTS OF BINARY SOLID SOLUTIONS. 6p.
Order from ATS $0.25 ATS-74R75R

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(Chemistry--Physical, TT, v. 12, no. 4)

TT-64-22249

I. Storonkin, A. V.
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IV. ATS-74R75R
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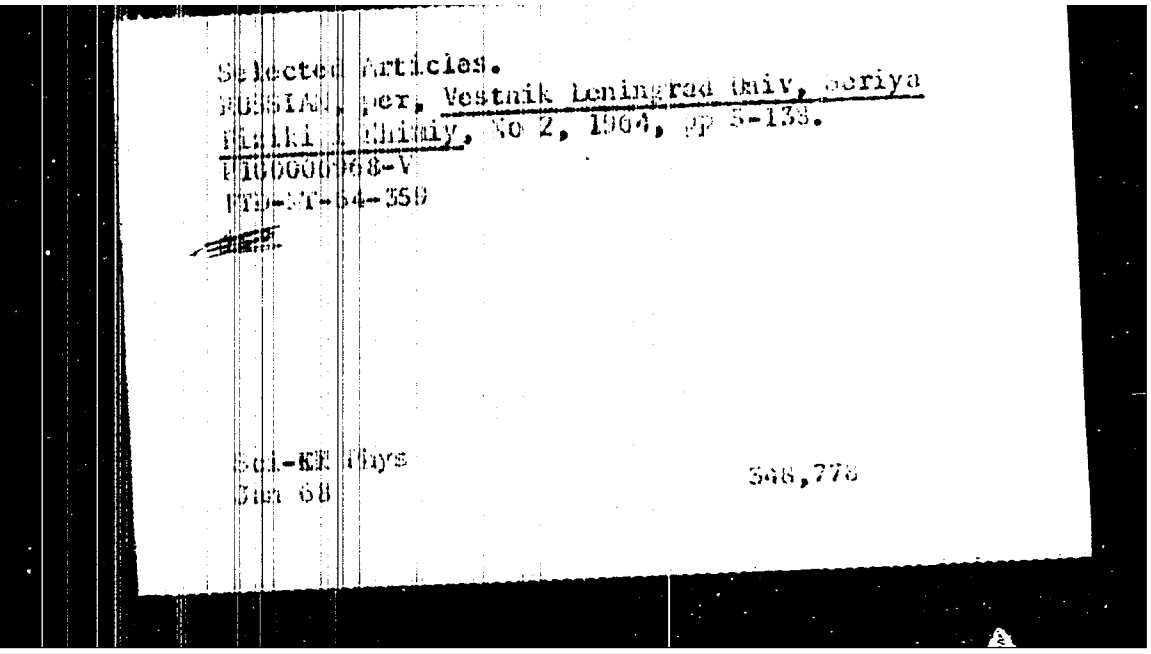

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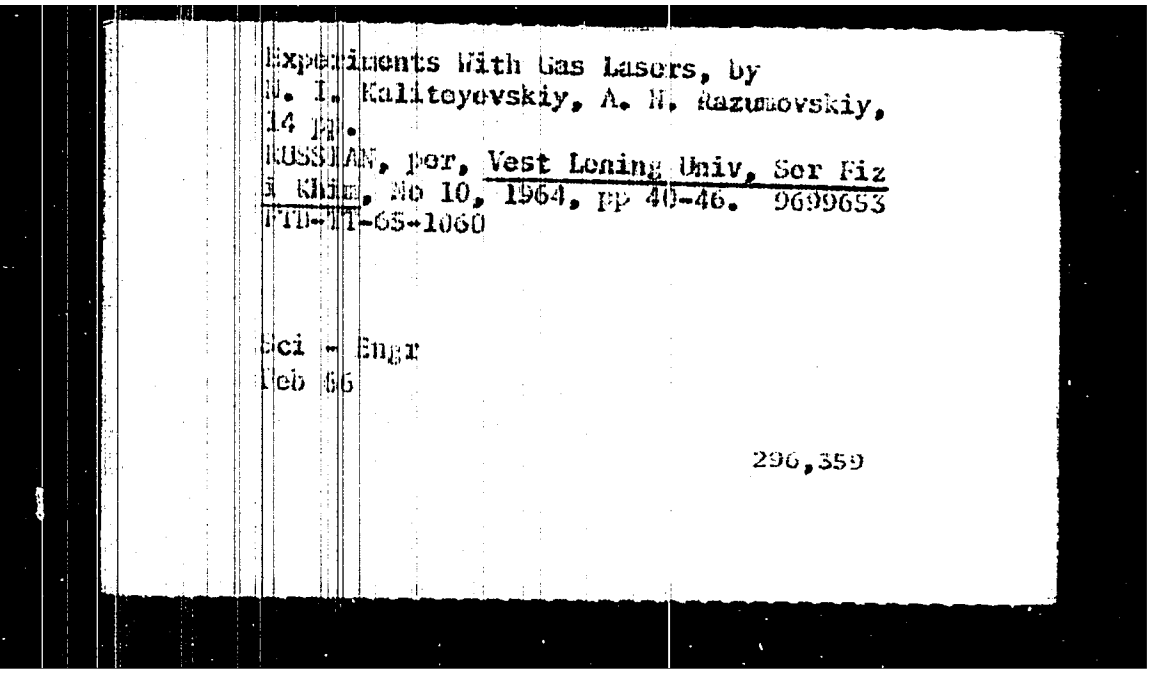

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The Electrical Conductance and Microhardness of Glassy and Glass-Crystalline $AsSe_{1,5}Pb_x$, by E. V. Shkol'nikov, Z. U. Borisova, RUSSIAN, per, Vestn. Leningr. Univ., Vol XX, No 4, Ser. Fiz. I Khim. No 1, 1965, pp 120-127. ATS RJ-4703

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*CSTI TT 69-55121

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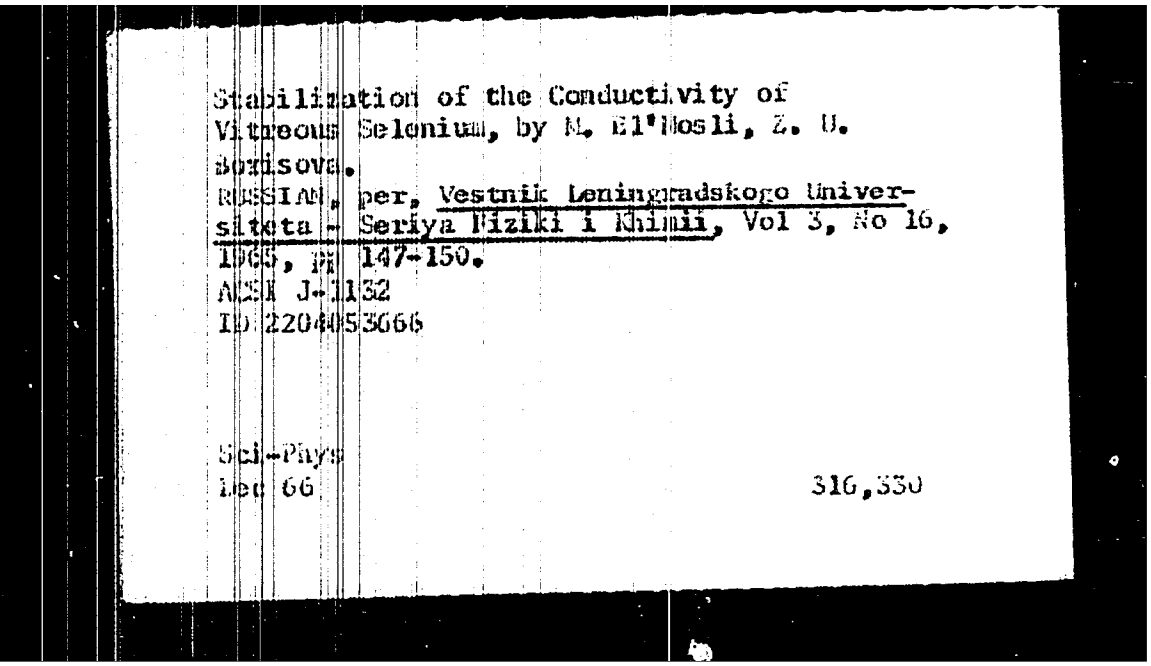

Stabilization of the Conductivity of Vitreous Selenium, by M. El'Mosli, Z. U. Borisova.
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B-10646-2
31 July 69

Title: Thermodynamic Study of System....
pp. 85-92. 8pp

Author: Simanova, S.A. & Shalta, M.M.

Source: Vestn. Leningrad. Univ. Ser. Fiz. Khim.
Vol. 21, No. 2. (1966).

Language: Russian

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Mechanism of Anodic Dissolution and Electro-
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No 4, 1966, pp 128-135.
NIL Ref: 9022.4 (67/271)

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High-Density Electron-Hole Gas in Semiconductors.
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RUSSIAN, per, Vestnik Leningrad Universiteta, Seriya Fiziki Khimii, 23(22), 1968, pp 131-138.
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Influence of Oxygen Pressure on the Kinetics of High Temperature Oxidation of Titanium, by V.I. Dyachkov et al. 3 pp.
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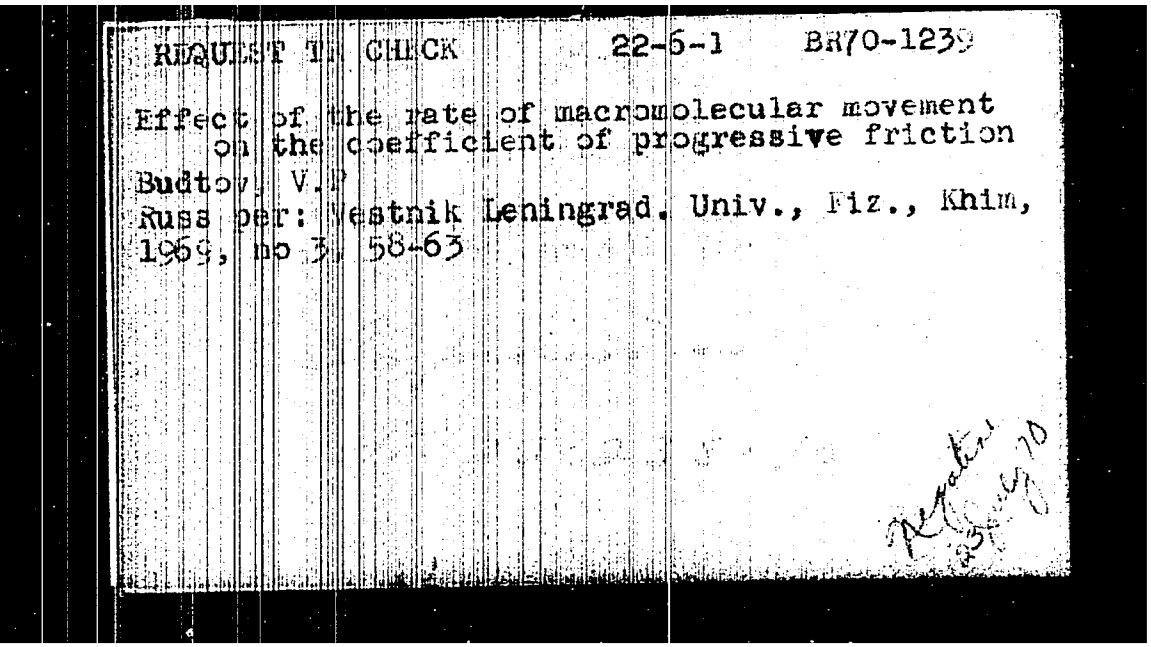

REQUEST TO CHECK 22-6-1 BR70-1239

Effect of the rate of macromolecular movement on the coefficient of progressive friction

Budtov, V.P.

Russian: Vestnik Leningrad. Univ., Fiz., Khim, 1959, no 3, 58-63

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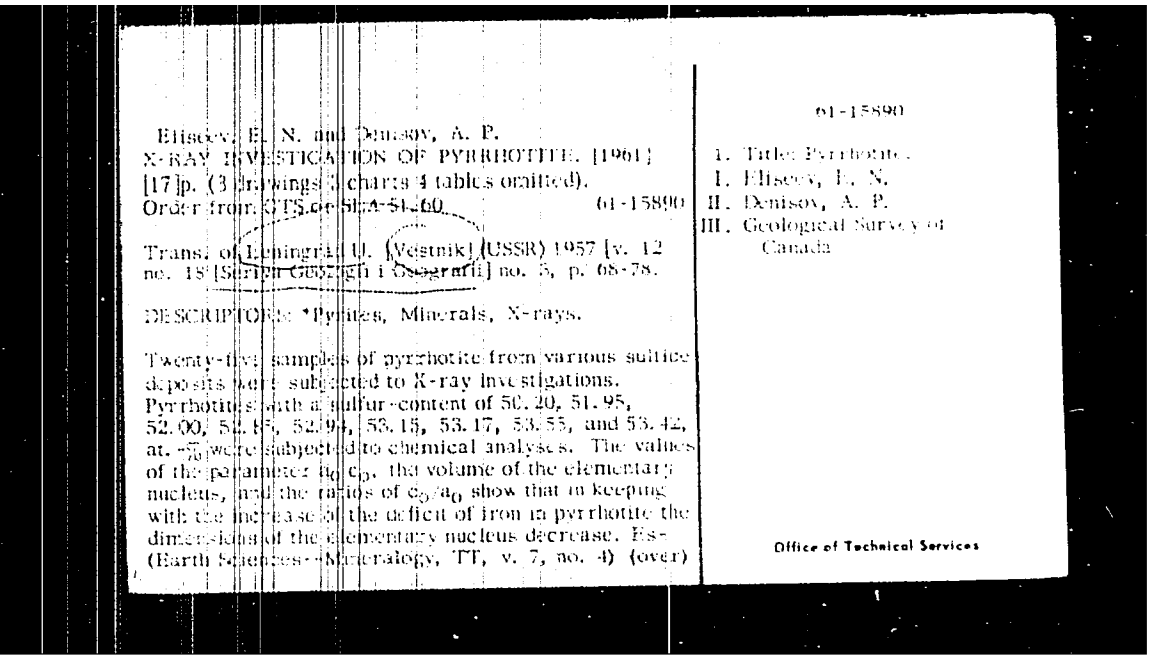

Eliseev, E. N. and Denisov, A. P.
X-RAY INVESTIGATION OF PYRRHOTITE. [1961]
[17]p. (3 drawings, 3 charts 4 tables omitted).
Order from: CTS.or SLA-51-60. 61-15890

Trans. of Leningrad U. (Vestnik) (USSR) 1957 [v. 12 no. 15 [Ser.] n. 6052 gn i Geografii] no. 3, p. 68-78.

DESCRIPTORS: *Pyrites, Minerals, X-rays.

Twenty-five samples of pyrrhotite from various sulfide deposits were subjected to X-ray investigations. Pyrrhotites with a sulfur content of 50.20, 51.95, 52.00, 52.85, 52.94, 53.15, 53.17, 53.55, and 53.42, at. -% were subjected to chemical analyses. The values of the parameter a_0, c_0, that volume of the elementary nucleus, and the ratios of c_0/a_0 show that in keeping with the increase of the deficit of iron in pyrrhotite the dimensions of the elementary nucleus decrease. Es- (Earth Sciences--Mineralogy, TT, v. 7, no. 4) (over)

61-15890

1. Title: Pyrrhotite.
I. Eliseev, E. N.
II. Denisov, A. P.
III. Geological Survey of Canada

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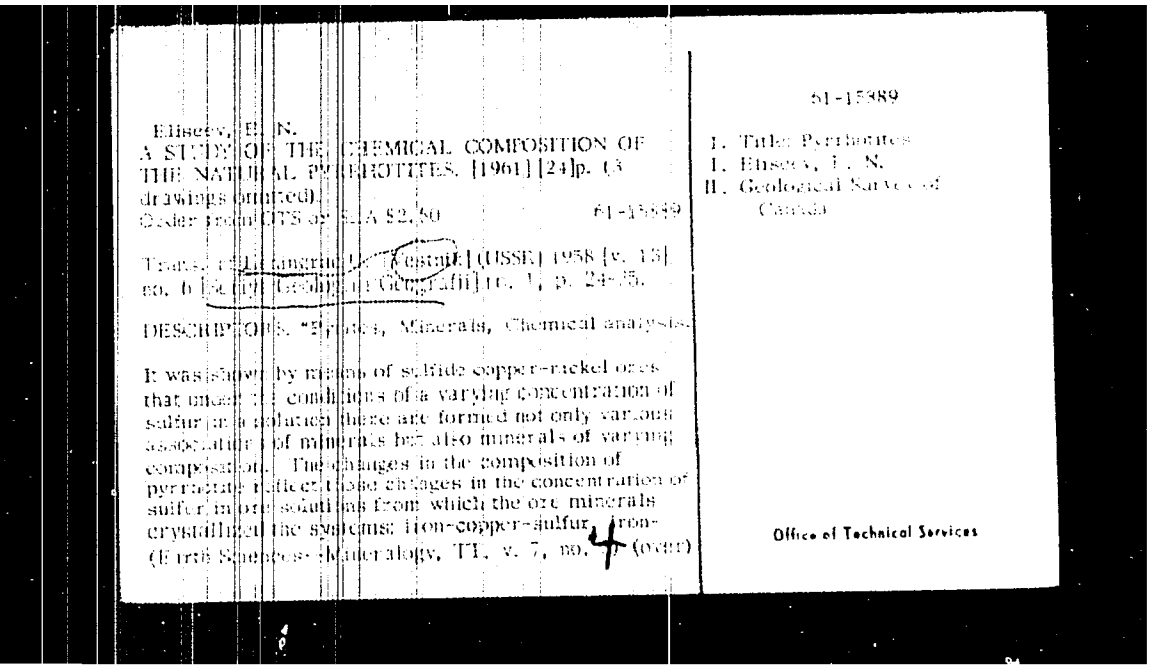

Eliseev, E. N.
A STUDY OF THE CHEMICAL COMPOSITION OF THE NATURAL PYRRHOTITES. [1961] [24]p. (3 drawings omitted)
Order from OTS or S.A. $2.50 61-15589

Trans. of Leningrad. Gornyi Institut (USSR) 1958 [v. 13] no. 6 [Sb. Trud. Geol. i Geografii] no. 3, p. 24-35.

DESCRIPTORS: Pyrites, Minerals, Chemical analysis

It was shown by means of sulfide copper-nickel ores that under conditions of a varying concentration of sulfur in a solution there are formed not only various associations of minerals but also minerals of varying composition. The changes in the composition of pyrrhotite reflect the changes in the concentration of sulfur in the solutions from which the ore minerals crystallized. The systems: iron-copper-sulfur, iron-(Earth Sciences - Mineralogy, TT, v. 7, no. 4 (over)

61-15589

1. Title: Pyrrhotites
I. Eliseev, E. N.
II. Geological Survey of Canada

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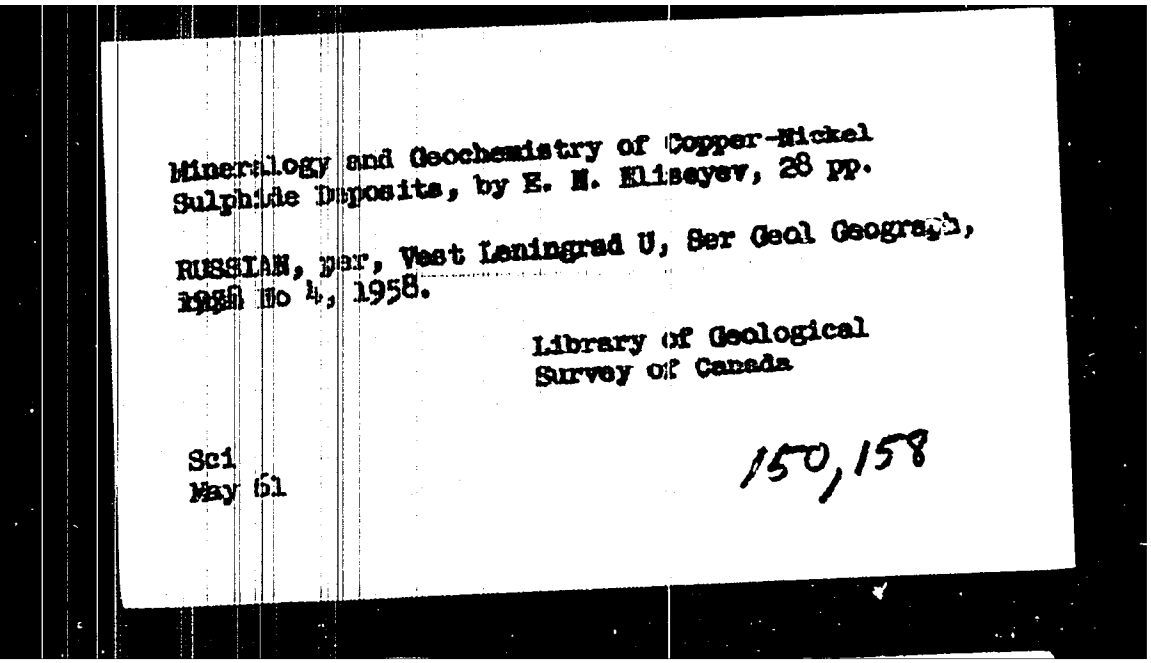

Mineralogy and Geochemistry of Copper-Nickel Sulphide Deposits, by E. N. Eliseyev, 28 pp.

RUSSIAN, per, Vest Leningrad U, Ser Geol Geograph, 1958 No 4, 1958.

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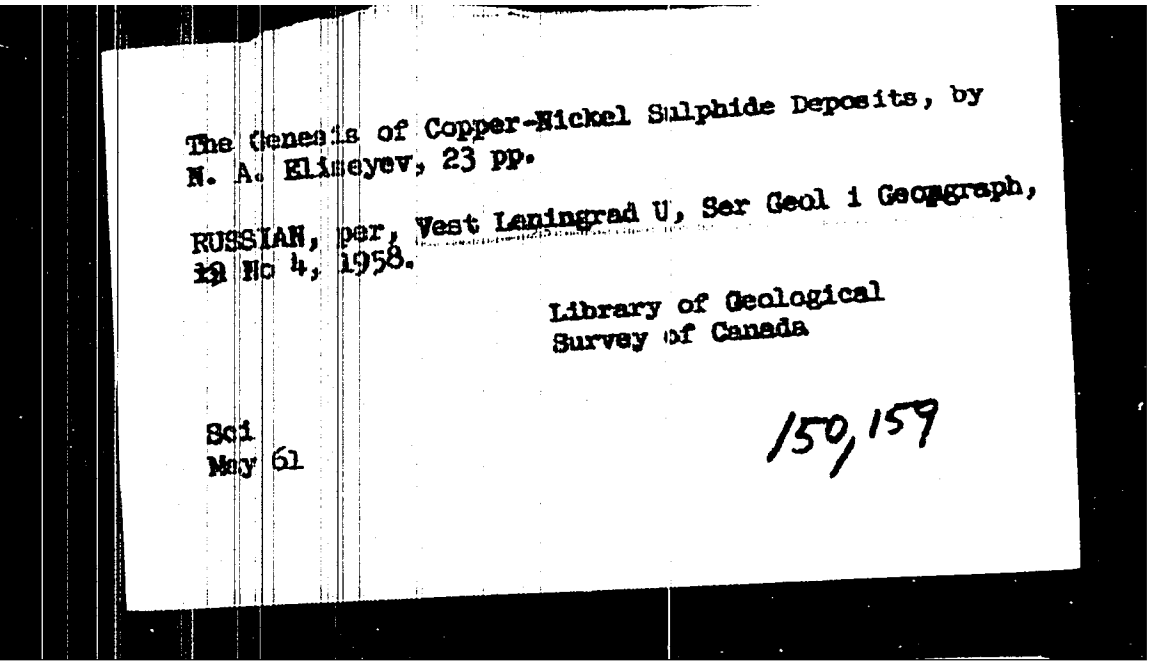

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HLL RTS 2075

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220068-7

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THE DISTRIBUTION OF FRAGMENTED MATERIAL IN THE BEACH AREAS OF THE BLACK SEA (Zakonomernosti Raspredeleniya Oblomochnogo Materiala v Polose Plyazha Chernogo Morya). Jan 61 [29]p. 28 refs. RTS 1561.
Order from LC or SLA mi$2.70, ph$4.80 61-15382

Trans. of Leningrad U. Vestnik (USSR) 1959 [v. 14] no. 24, Seriya Geologii i Geografii, no. 4, p. 11-35.

About 1500 samples of the beach material were taken; many of these were subjected to granulometric and mineralogical analysis.

(Earth Sciences--Geology, TT, v. 5, no. 8)

61-15382

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2. Beaches--Geology
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II. RTS-1561
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151645

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JPRS 9221

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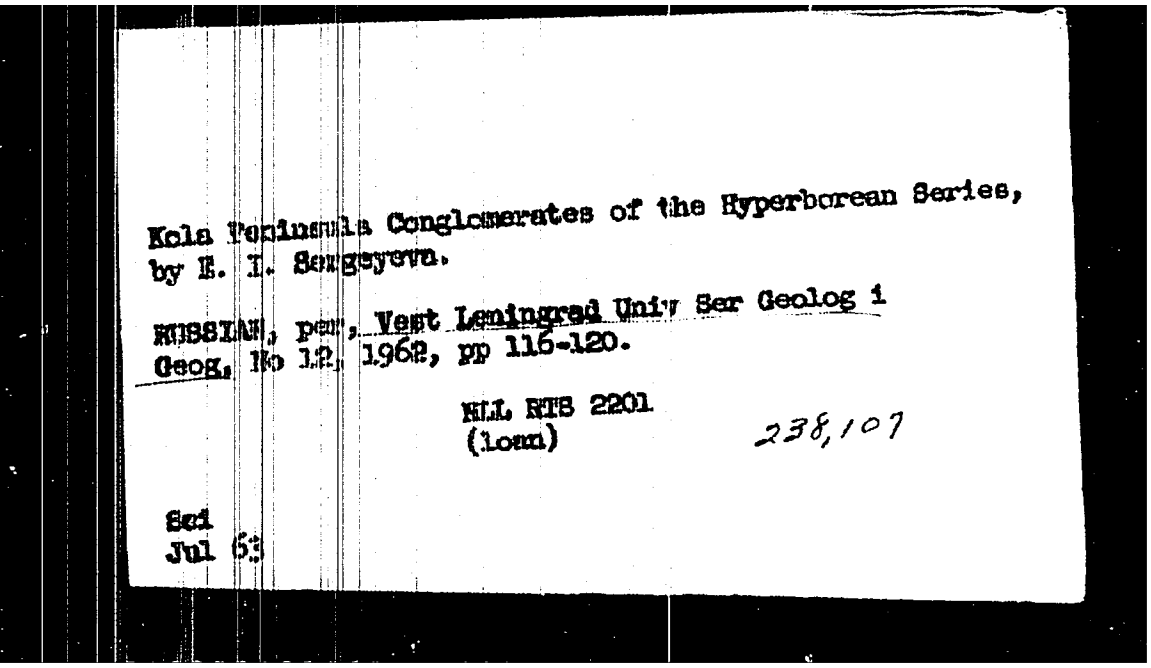

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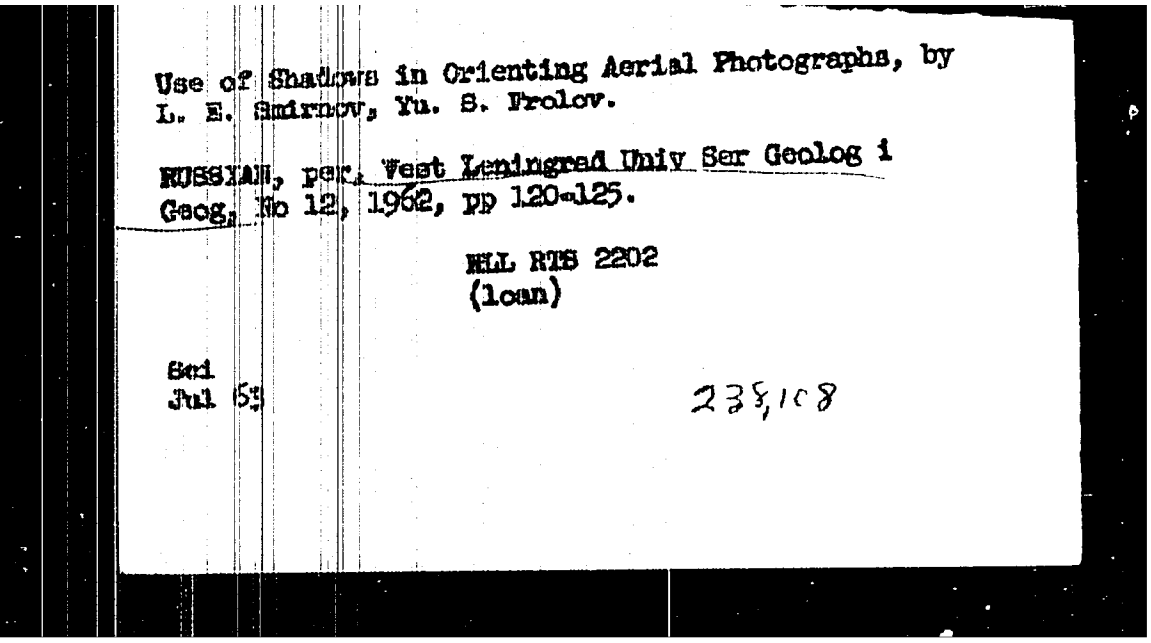

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Kamentsev [I.] E.
INFLUENCE OF CRYSTALLIZATION CONDITIONS ON FOREIGN IMPURITIES IN QUARTZ LATTICE.
[1963] 10p. 13 refs.
Order from OTS or SLA $1.10 63-18918

Trans. of Leningrad U. Vestnik (USSR) [1962, v. 16] no. 18 [Seriya Geologii i Geografii, no. 3, p. 109-112].

DESCRIPTORS: *Minerals, *Synthetic stones, *Quartz, *Crystallization, *Crystal lattices, Impurities, X-ray diffraction analysis.

By means of an examination of X-ray data of 81 synthetic quartz specimens, it was found possible to write the structural formula of quartz containing a maximum of structural impurities as:

$R^{+}_{0.0009}(Al_{0.0009}Si_{0.9991})O_2$. X-ray studies on synthetic quartz produced at different growth

(over)

63-18918

I. Kamentsev, I. E.

Office of Technical Services

(Earth Sciences--Mineralogy, TT, v. 10, no. 11)

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220068-7

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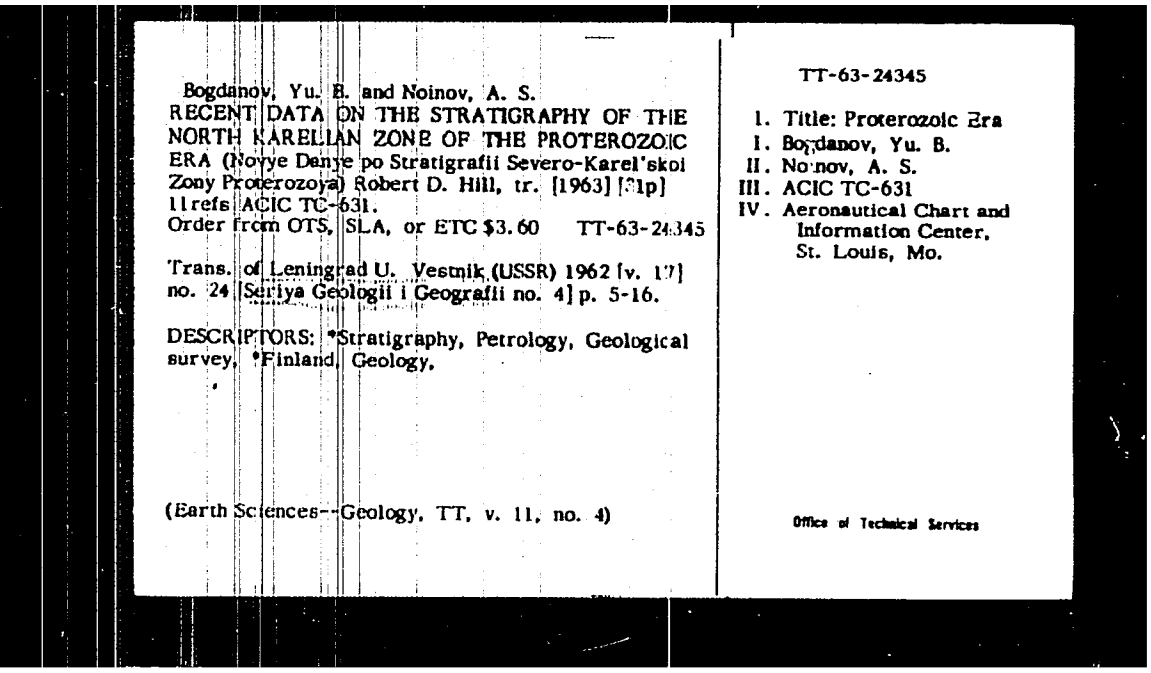

Bogdanov, Yu. B. and Noinov, A. S.
RECENT DATA ON THE STRATIGRAPHY OF THE NORTH KARELIAN ZONE OF THE PROTEROZOIC ERA (Novye Danye po Stratigrafii Severo-Karel'skoi Zony Proterozoya) Robert D. Hill, tr. [1963] [31p] 11refs ACIC TC-631.
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DESCRIPTORS: *Stratigraphy, Petrology, Geological survey, *Finland, Geology.

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TT-63-24345

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III. ACIC TC-631
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ACC I I-6893
ID 2204012965

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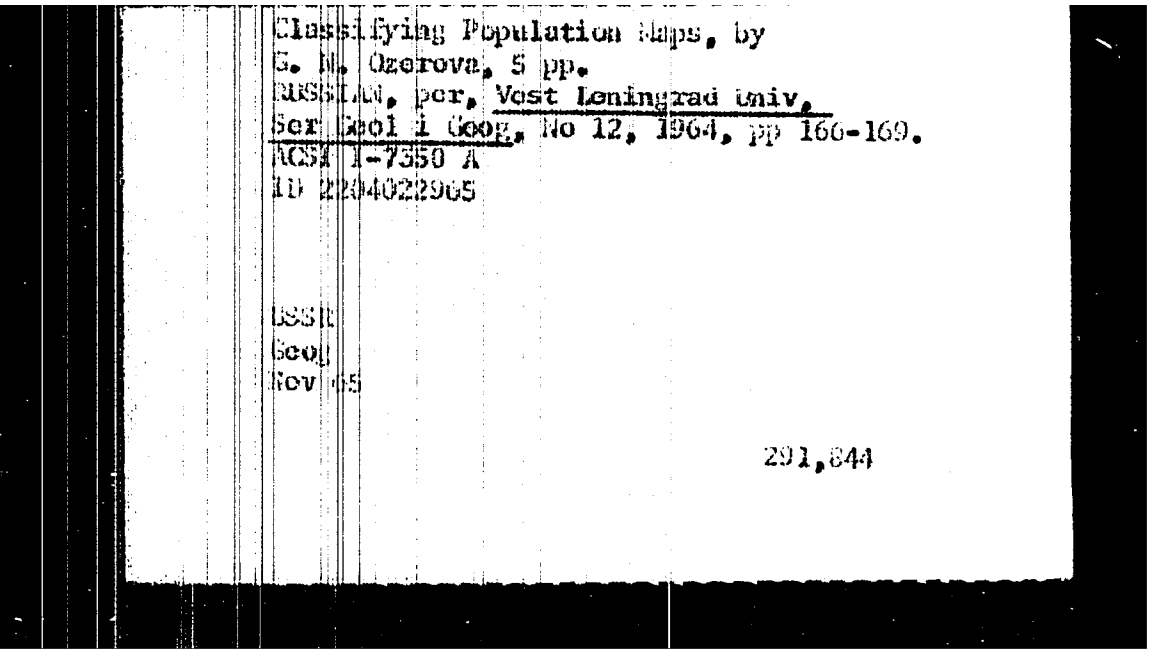

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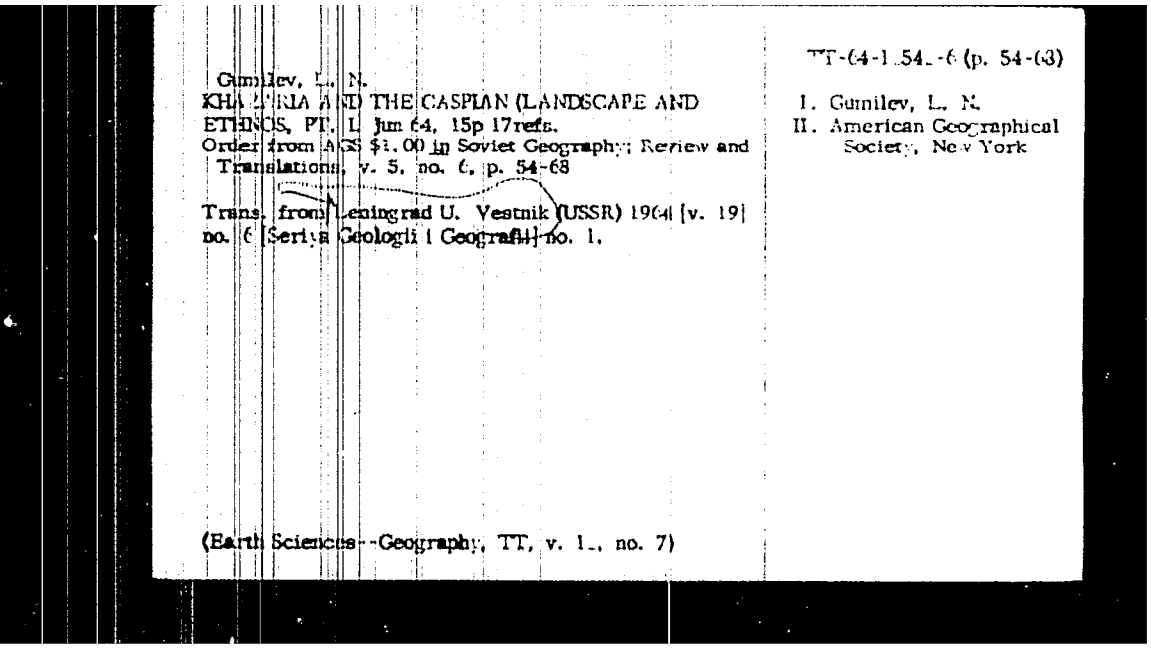

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Request translation check 4-12-5 BT69-1-2201T

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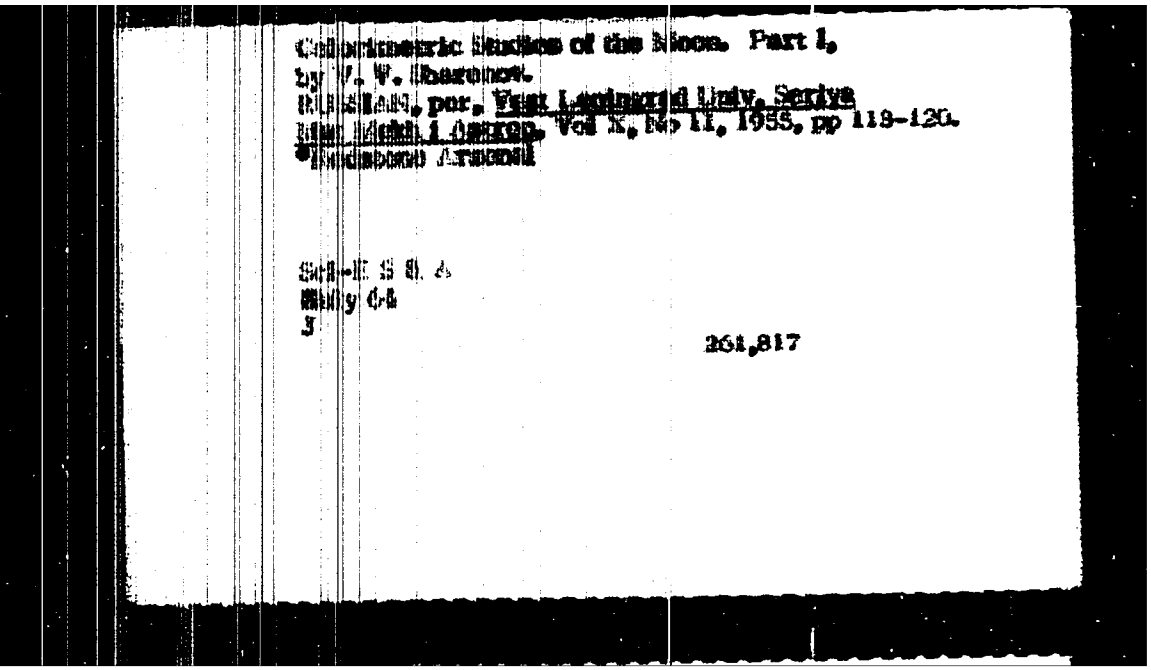

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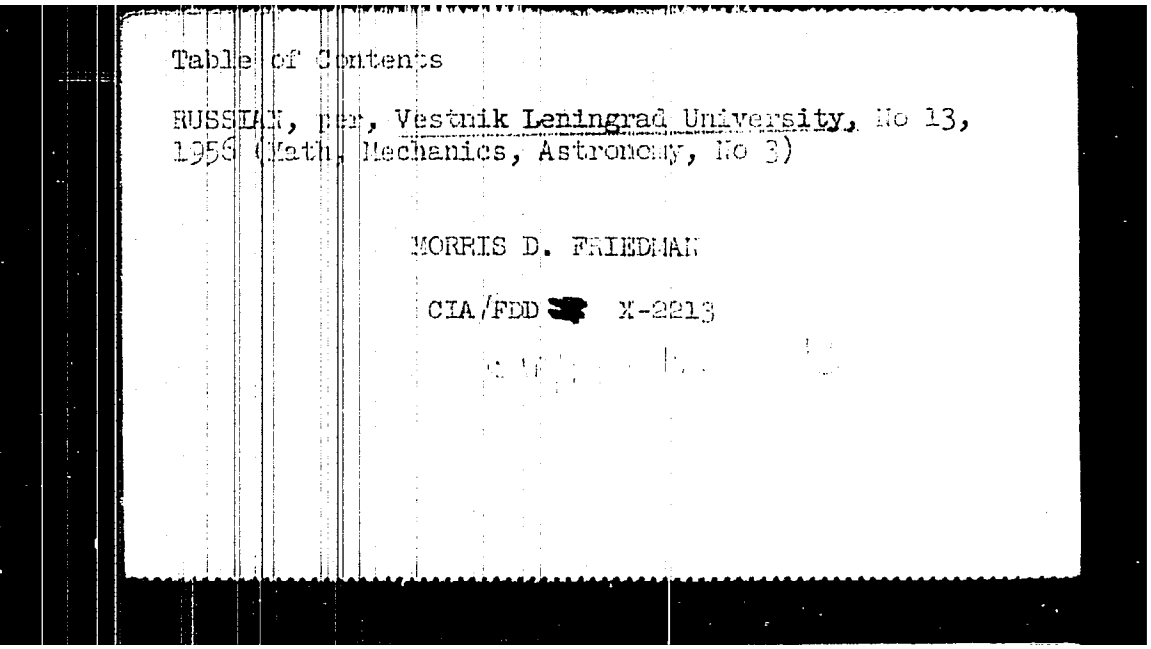

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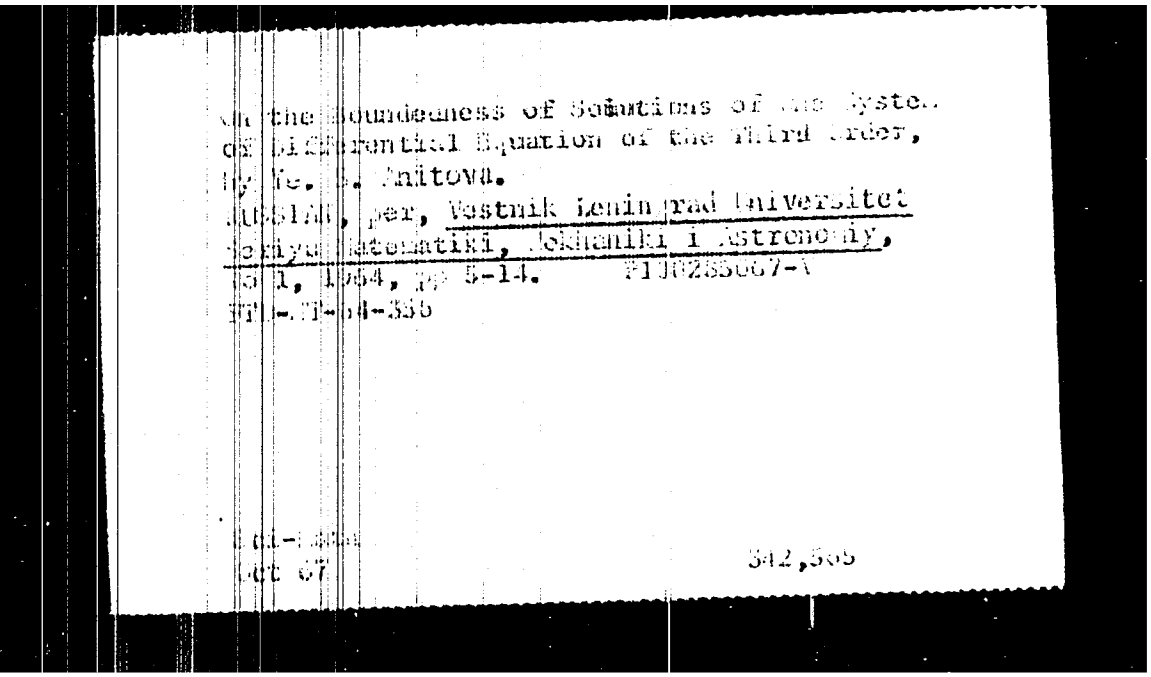

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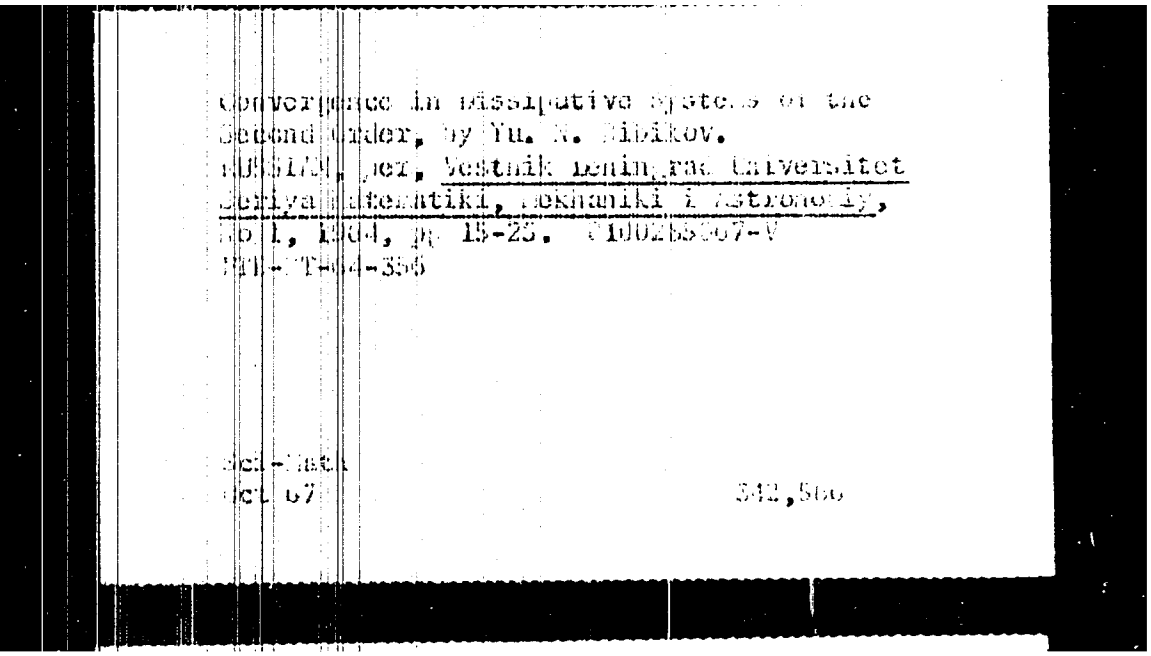

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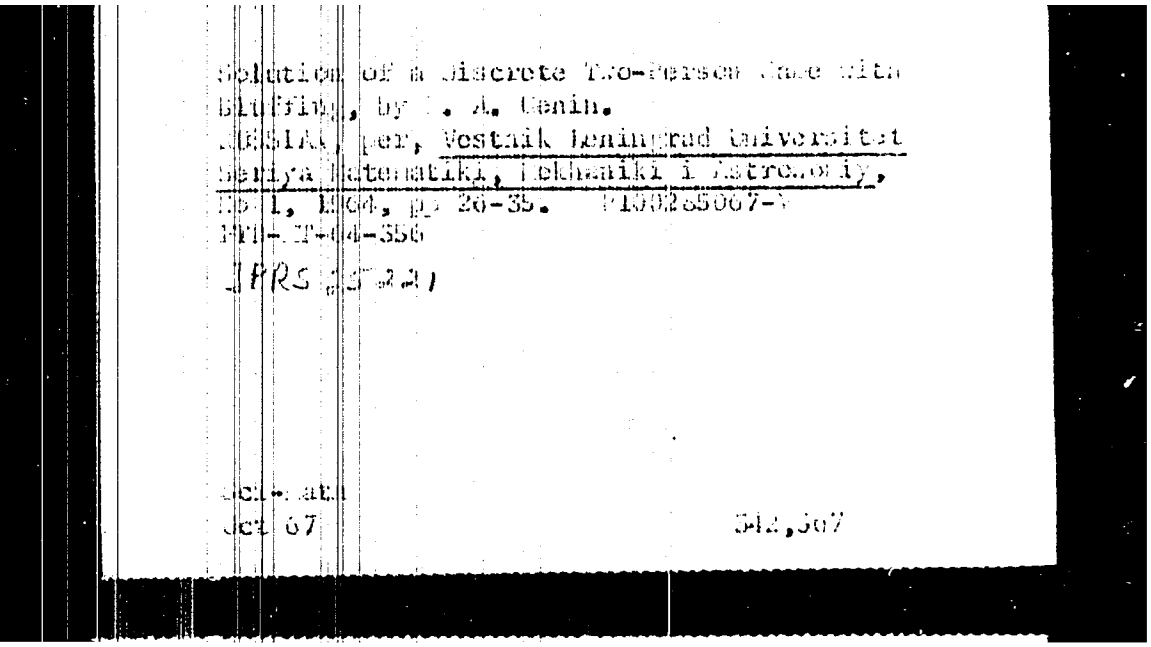

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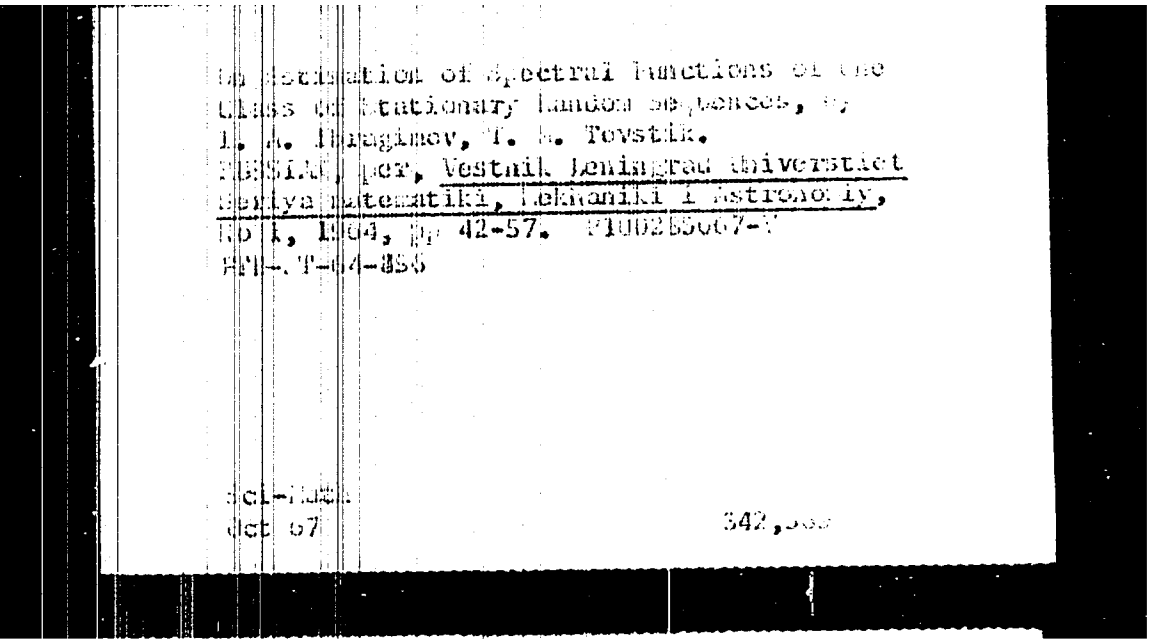

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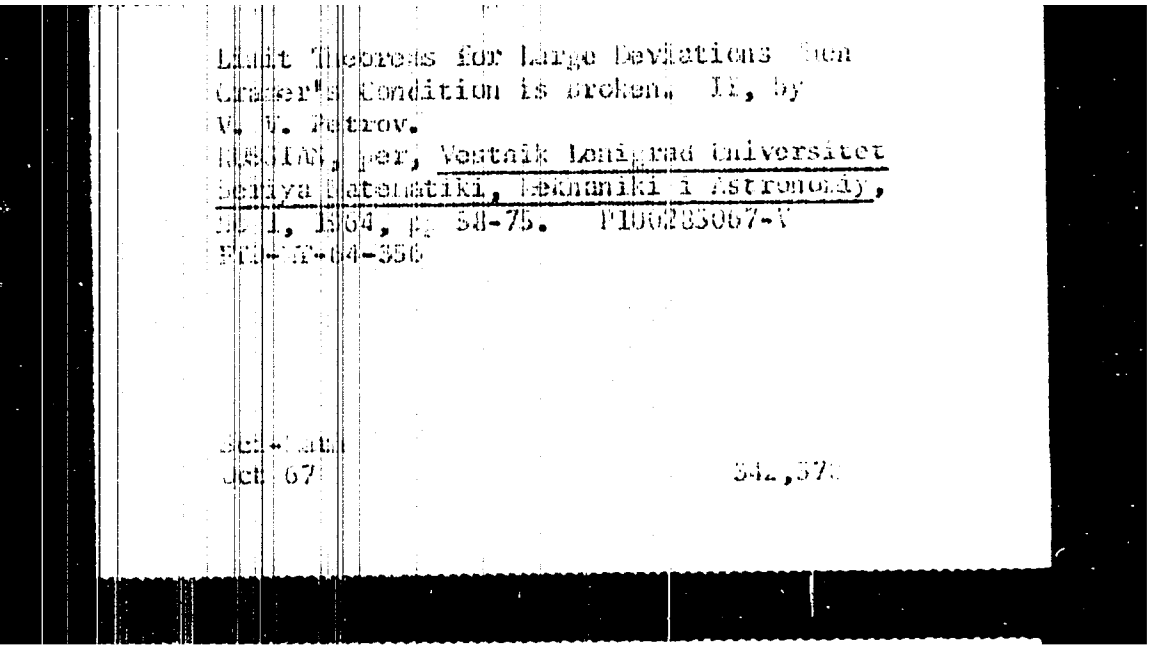

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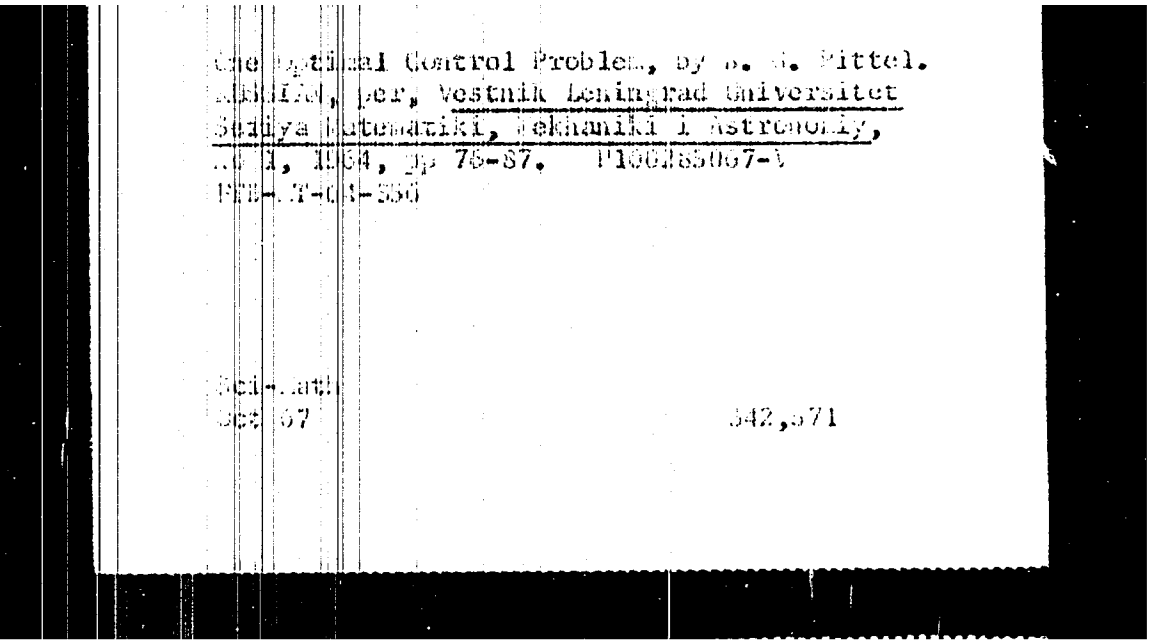

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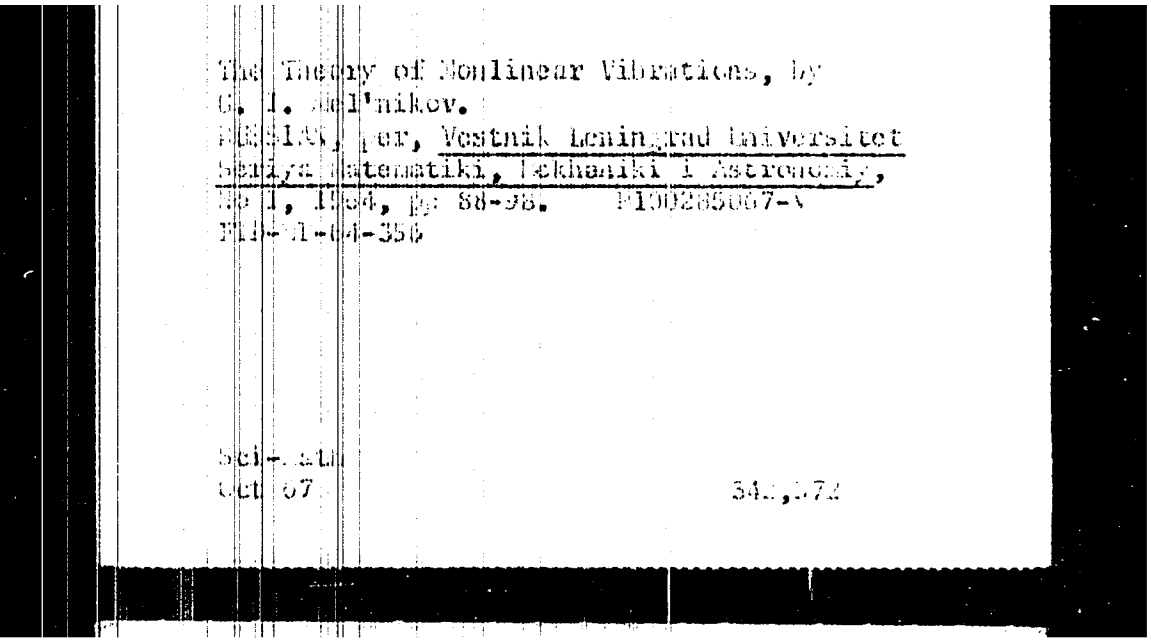

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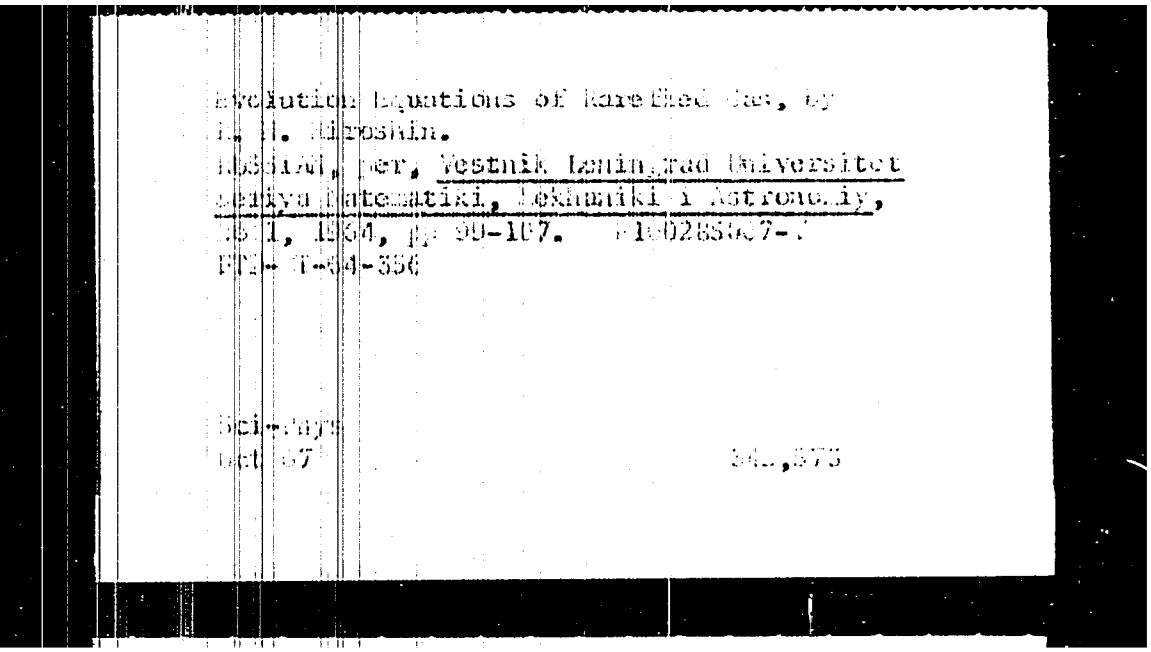

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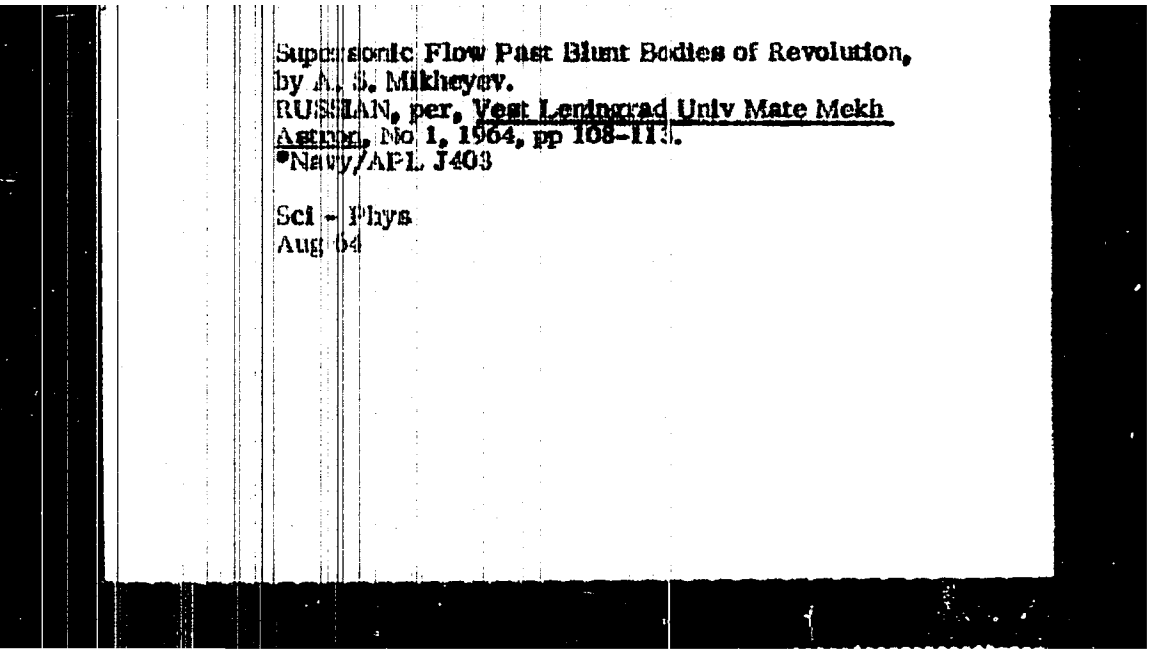

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